

# MATERIAL SAFETY DATA SHEET



## Scotts®

74278750

## Perlite

The Scotts Company  
14111 Scottslawn Road  
Marysville, Ohio 43041

In Case of Emergency call:  
1-937-644-0011 (USA)  
For non-Emergency calls:  
1-937-644-0011 (USA)

### I. MATERIAL IDENTIFICATION

Product Name: Scotts® Perlite  
Analysis: N/A  
Stock Number: 74278750

NFPA Hazard Ratings		
Health	2	0 Least
Flammability	0	1 Slight
Reactivity	0	2 Moderate
		3 High
		4 Severe

### II. HAZARDOUS INGREDIENTS

Perlite Volcanic Glass (Perlite Ore) Cas# 93763-70-3  
(Amorphous mineral silicate)

OSHA PEL  
15mg/m3

ACGIH TLV  
10mg/m3

The ACGIH Threshold Limit Values for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 total, 5 mg/m3 respirable.

### III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.  
Ingestion: Induce vomiting or perform gastric lavage if large amounts are ingested. Symptomatic and supportive care.  
Skin: Wash thoroughly. If irritation persists, get medical attention.  
Inhalation: Remove to fresh air. Treat symptomatically.

### IV. HEALTH HAZARD INFORMATION

Summary of Risks: Perlite is classified as a nuisance dust. There are no known acute or chronic health hazards. Upper respiratory and eye irritant.

Primary Entry Route(s): Ingestion and inhalation.

Acute Effects: See summary.

Chronic Effects: None known.

Medical conditions which may be aggravated by contact:

Skin abrasions and sores. Pre-existing upper respiratory and lung diseases.

Ingredients Listed as a Carcinogen:

IARC Monographs: No

NTP: No

OSHA: No

**V. PERSONAL PROTECTION AND PRECAUTIONS**

Eye Contact: If dusting is excessive, use NIOSHA approved dust goggles.  
Gloves: Gardening gloves are suggested.  
Respiratory: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.  
Use NIOSHA approved respirators for protection against nuisance dust.  
Ventilation: Local exhaust advisable on prolonged exposure.

**VI. PHYSICAL HAZARD INFORMATION****Fire and Explosion**

Flash Point (Test Method): Non-Flammable  
Flammable Limits (% in Air): N/A  
Auto Ignition Temperature: N/A

**Physical Properties**

Appearance: Dry, white aggregate or powder  
Melting Point: N/A  
Boiling Point: N/A  
Solubility in H<sub>2</sub>O: Negligible  
Specific Gravity: (H<sub>2</sub>O = 1) 2.35  
Vapor Pressure: N/A  
Evaporation Rate: N/A

**Reactivity**

Stability: Stable  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: Large movement of air.  
Hazardous Decomposition Products: None known.  
Chemical Incompatibilities: None known  
Unusual Fire, Explosion  
and Reactivity Hazards: None known.

**In Case of Fire:**

Extinguishing Media: N/A

**VII. REGULATORY INFORMATION**

DOT Classification: Not classified as hazardous.

**VIII. STORAGE AND SPECIAL PRECAUTIONS****Precautions to be taken in handling and storage:**

Avoid container breakage, keep away from feed or foodstuffs. Store under dry conditions.  
Handle to avoid dust. Wash after handling. Keep out of reach of children.  
Keep dust concentration below TLV and use proper respiratory protection.

**In case of spills:**

Vacuum clean or sprinkle with sweeping compound before sweeping.  
Maintain good housekeeping procedures regarding dust.

**Waste management/disposal:**

Remove to approved landfill.

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